Awareness about rain water harvesting

1023. SHRI R. KAMARAJ: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether Government have any proposal to create awareness and provide practical information on rain water harvesting to reach out the co-operative group housing societies and colonies in the metros;

(b) if so, the details thereof; and

(c) the list of rain water harvesting and ground water recharge schemes under Central Sector under implementation in Tamil Nadu and the amount allocated for the scheme?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY): (a) and (b) The Central Ground Water Board Authority (CGWA), under the Ministry of Water Resources organizes mass awareness and training programmes to educate the public about various techniques and benefits of rain water harvesting. These programmes are organised by involving people's representatives, Non-Government Organisation, Voluntary Organisation, Schools/Colleges/Institutes and local people. The CGWA has organised 11 mass awareness and 10 training programmes upto 31.03.2003 in the metros for this purpose. The beneficiaries included representatives of co-operative group housing societies and colonies in the metros. During 2003-04, the CGWA has a programme to organise 51 mass awareness and 51 training programmes in the country including in the metros. The CGWA has also provided technical guidance and design for rain water harvesting system at about 1350 locations throughout the country including in the metros. The CGWA has also launched a website on roof top rain water harvesting (www.cgwaindia.com) to make aware and educate the public about rain water harvesting. In addition, the Central Ground Water Board (CGWB) has also implemented a Central Sector Scheme on "Study of Recharge to Ground Water" during IX Plan, to demonstrate suitable recharge structures to augment ground water resources which could be replicated. Under the scheme, 18 recharge projects have been taken up in the metros for implementation at an estimated cost of Rs. 111.85 lakh.

(c) Details of artificial recharge projects approved for implementation under the CGWB's Central Sector scheme on "Study of Recharge to Ground Water" in Tamil Nadu along with funds allocated are given in enclosed Statement.

Statement

Details of approved Artificial Recharge Projects under CGWB's Central Sector Scheme on Study of Recharge to Ground Water for Tamil Nadu

Sl. No.	Name of the Scheme	Cost of the Scheme (Rs. in lakh)	Progress of the Scheme
1	2	3	4
1.	Scheme for construction of sub-surface dyke for artificial recharge/ ground water conservation Nallan Pillai petral of Gingee block, Gingee village, Villupuram district	8.00	Completed
2.	Construction of percolation pond at Narasipuram, Alandurai watershed, Coimbatore	9.90	Completed
3.	Construction of percolation pond at Vadipalayam village, Tiruppur Taluk, Coimbatore district	9.50	Completed
4.	Augmentation of ground water through artificial recharge in Vanur watershed, Villupuram district	71.36	Competed
5.	Construction of a water harvesting structure at 240 Thondamuthur, Coimbatore	9.20	Completed
6.	Formation of a pond in Kosavampalayam village near Arasur in Udumalpet Taluk, Coimbatore	10.50	Completed
7.	Reconsideration of modified scheme on Revitalization of a percolation pond at Vadapatti village, Virudhunagar district	6.51	Completed

1	2	3	4
8.	Scheme for Artificial recharge to ground water in Central Leather Research Institute, Chennai	8.97	Completed
9.	Project on recharge to ground water construction of sub-surface dyke in Thiruchirapalli district	13.00	Under progress
10.	Scheme proposal for implementation of rain water harvesting in Collectorate complex, Ramanathapuram.	14.20	Under progress
	Total	161.14	

Problem of flood and drought in the country

1024. SHRI GHULAM NABI AZAD: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether Government are aware about the problem of certain areas in the country facing problem of floods while other areas registering perpetual drought;

(b) if so, whether Government have taken any steps to solve the problem; and

(c) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY): (a) Yes, Sir.

(b) and (c) Various measures that are necessary and are being taken by the Central & State Government to address the problem of recurring floods include structural measures as well as non-structural measures. The structural measures of flood management include constructing embankments, reservoirs, channel improvements, anti-crosion spurs etc. The non-structural measures include flood plain zoning, flood proofing, disaster preparedness, flood forescating and warning etc. Similarly the drought mitigation measures being adopted by the Central/State Governments are in the form of short-term, medium-term and long-term. The short-term measures include execution of labour-oriented schemes, transportation of water for drinking purposes